

WORK EXPERIENCE

TATA CONSULTANCY SERVICES

SYSTEM ENGINEER

August 2020 - Present

- Design and develop J2EE-based projects, combining Postbank and Deutsche Bank infrastructure to save more than ten million euros per year.
- Presented proof of concept for database design and an additional service for the frontend known as Backend for Frontend.
- Lead a team of 5 freshers to complete 3+ projects successfully.
- Trained 15+ freshers to be project ready. Providing weekly knowledge transfer sessions and answering team members' questions.

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ACADEMIC INTERN

January 2020 - May 2020

- Designed and constructed microservice-based library management that can handle up to 5 000 calls per second using Database per service design for the office library.
- Using a dummy Bookstore Management Project, learn the fundamentals and develop proofs of concept.
- Containerized the services using Docker and deployed them on AWS with Elastic Beanstalk for simple access via the company interface.

KM-SOFT

INTERN

May 2018 - June 2018

- Developed two Android apps, Medicode (100K+ downloads and 2.2k reviews) and Team Profit Betting Calculator (10K+ downloads), both of which are available on the Playstore.

EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY

8.81

BACHELORS OF TECHNOLOGY

,COMPUTER SCIENCE

February 2016 - May 2020

CHANDERBALA MODI ACADEMY, CBSE

SENIOR SECONDARY

May 2015 - January 2016

SKILLS

Java , Spring Boot ,Angular
MySQL ,Cloud Platforms, System Design
Git, Mockito , Karate Framework

ACHIEVMENT

- **1. In Top 10 team at HackTech - ECell VIT (2019) - :a)** Created an Augmented Reality-based Android application that shows how to massage a child or can be used to train physiotherapists to provide accuracy.b) Competed with 250+ people of more than 100 teams, won Funding of Rupees 1 Lakh from VITBTL.
- **2. Best UI/UX award in DevSpace -CSI-VIT - 2018a)** Created a web-based application that converts a short summary of the users' notes, audio video or links. Out of 150+ competitors, our team was among the best 10.-link : <http://sankshep.herokuapp.com/>
- **3.Most Compassionate child award - 2016a)**Was recognized for being helpful to juniors and teachers, as well as for being a Social Media Captain.

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PROJECTS

- **CPU Load Prediction (Operating System)** Prediction of CPU load for processes using Homeostatic Prediction and Tendency Bases prediction.
- **Forecasting of Electricity consumed by Air Conditioner using ARIMA Model (Machine Learning)** Using this time series model to forecast the consumption of electricity consumed by Air Conditioner in Delhi region, India.
- **Voice Controlled Camera (Human Computer Interaction)** An Android application, in which the camera works as per the voice instruction of the user.
- **Real-Time Sentimental Analysis of Worldwide Politics on Twitter (Social Information Network)** Using Python libraries, made an application where user can do sentiment analysis of world politics news with real-time tweets present on twitter

CERTIFICATES

- **Software Design and Architecture Specialization (2021)** University of Alberta, Coursera
- **Advanced Data Structures in Java (2019)** UCSanDiego, Coursera License- XWNV9YQUFFU6
- **Social and Economic Networks: Models and Analysis (2018)** Stanford University, Coursera License- UCQRFME39ACP
- **Text Retrieval and Search Engines (2018)** University of Illinois, Coursera License- B62SQPMMPV6U
- **Spring Boot Microservices And Spring Cloud (2020)** Udemy, Instructor- Sergey Kargpolov

VOLUNTEERING EXPERIENCE

- **Change Bharuch Campaign (06/2020 - Present)** During the pandemic, I taught underprivileged children on weekends and put up a virtual lesson for those students that was done online and projected on screens. For about 60 days, we provided food produced in the gurudwara and delivered to 250+ children.
- **Riviera** Worked as a volunteer for Events and Team, where my responsibility was to handle events across campus. Handled over 2500 registrations.
- **Rajasthani Night** Worked with marketing Team and developed frontend for Payment Portal.